

**Description:** Chemical Formula –  $C_{12}H_{14}O_4$

Diethyl Phthalate is a colourless liquid.

### Specification

Characteristics	Specification	
Colour, Pt-Co Scale, APHA	Max	30
Odour	Odorless	
Acidity as Phthalic Acid, Wt %	Max	0.01
Specific Gravity @ 25 <sup>0</sup> C	1.115 -1.118	
Viscosity @ 25 <sup>0</sup> C CPS	8 - 12	
Refractive Index @ 25 <sup>0</sup> C	1.500 - 1.505	
Moisture content Wt %	Max	0.30
Ester content Wt %	Min	99.0
Purity by Gas chromatography Wt %	Min	99.5

### Packaging

Diethyl Phthalate is in liquid form. It is packed in HMHDPE barrels of diameter 572 mm and height 935 mm & in 1.0 Mt IBC. It is also supplied in ISO container.

### Full Container Load

1. Packed in 225 Kg, HMHDPE Barrels  
80 Barrels x 225 kgs = 18 MT/FCL
2. Packed in 250 Kg, GI Barrels  
80 Barrels x 250 kgs = 20 MT/FCL
3. ISO container – 22 -24 MT net
4. Packed in 1.0 Mt IBC  
18 IBC X 1.0 MT – 18 MT
5. Packed in 1.125 Mt IBC  
18 IBC X 1.125 MT – 20.25 MT

**For further details please contact  
Chemidye Manufacturing Company**

Factory	Mumbai Office	Chennai Office
25-B Sipcot Industrial Complex Ranipet 632 403 Tamilnadu, India Phone: +91-4172-244446 / 8 Fax : +91-4172-244308 e-mail: grajendran@ thirumalaichemicals.com	“Thirumalai House” 101, Sion-Matunga Estate S.No.6 Mumbai – 400 022, India Phone: +91-22-240178-34 / 41/ 61/ 53 Fax : +91-22-2401-1699 / 7869 e-mail : manohar@thiruchem.com	New no. 60, Old no.5 Thomas Nagar, Little Mount Saidapet Chennai - 600 015 Ph : +91-44 - 22353911 / 12 / 13 Fax : +91-44 - 22353914 e-mail : yuvaraj@mktg.thirumalaichemicals.com soni@mktg.thirumalaichemicals.com
<b>Contact: Mr. G.Rajendran</b>	<b>Contact: Mr. V.R.Manohar</b>	<b>Contact: Mr. G.Yuvaraj / S.Soni</b>

## **Storage & Handling**

Diethyl Phthalate should be stored in a cool, dry, well ventilated area away from sources of ignition. Wear safety goggles, rubber gloves, apron and overalls while handling the material.

## **Applications**

Diethyl Phthalate is used –

- In perfumery as a fixative and solvent.
- As a solvent for nitro-cellulose and cellulose acetate in manufacturing of varnishes & paints.
- In the manufacture of insecticides and mosquito repellants
- As additive in polysulfide rubber to reduce shear strength & for easy mixing
- As a dye accelerate for triacetate dyes
- As alcohol denaturant
- In solid rocket propellants